

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/002194

## A. CLASSIFICATION OF SUBJECT MATTER

## IPC7 G01R 33/02

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
IPC 7, G01R 33/035, G01R 33/02, G01R 27/28

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
WPI, KIPASS(Searching system of Korean Intellectual Property Office), INSPECT "sens\*,IN-SITU,magneto\*,deposit\*,canti\*,G01R\*"

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,142,229 A (BIOMAGNETIC TECH INC (US)), Aug. 25, 1992 See abstract, detailed description, and the figures	1 - 16
A	US 5,015,953 (SECURITY TAG SYSTEMS INC (US)), May. 14, 1991 See abstract, detailed description, and the figures	1 - 16
A	US 5,977,767 A (NAUGHTON MICHAEL J (US)), Nov. 2, 1999 See abstract, detailed description, and the figures	1 - 16
A	US 5,739,686 A (CHAPARALA MURALI (US); NAUGHTON MICHAEL J (US)), Apr. 14, 1998 See abstract, detailed description, and the figures	1 - 16

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:  
 "A" document defining the general state of the art which is not considered to be of particular relevance  
 "E" earlier application or patent but published on or after the international filing date  
 "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)  
 "O" document referring to an oral disclosure, use, exhibition or other means  
 "P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention  
 "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone  
 "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art  
 "&" document member of the same patent family

Date of the actual completion of the international search  
06 JANUARY 2005 (06.01.2005)

Date of mailing of the international search report

07 JANUARY 2005 (07.01.2005)

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**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR2004/002194

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5,142,229 A	Aug. 25, 1992	WO 92/12437 A1	Jul. 23, 1992
US 5,015,953	May. 14, 1991	None	
US 5,977,767 A	Nov. 2, 1999	None	
US 5,739,686 A	Apr. 14, 1998	None	